

[54] **PROCESS FOR UTILIZING CERTAIN GEL COMPOSITIONS FOR ELECTRICAL STIMULATION**

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[57] ABSTRACT

A process for utilizing gel compositions containing thickening agents which are primarily long chain organic powders in combination with small amounts of auxiliary polar thickeners having no metallic cations are described. They are particularly suitable for use as electrode gels in applications where long term contact of the electrodes with the skin is necessary. The process utilizing the described gel compositions, unlike the gels known to the art will not irritate the skin, corrode the electrodes, dry out in only a few hours or leak out from the electrode.

3 Claims, No Drawings